No.

200500144

## THE UNIVERD SHAYIES OF AMIERICA

TO ALL TO WHOM THESE: PRESENTS SHALL COME:

MestBred, TIC

MACCORS, THERE HAS BEEN PRESENTED TO THE

### Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS THEIR OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPURISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE CHIEF TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR VIRTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE PURPOSE, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'Nick'

In Testimony Thereof, I have hereunto set my hand and caused the seal of the Mont Inviety Frotestion Office to be affixed at the City of Washington, D.C. this sixth day of March, in the year two thousand and six.

Allast:

Denze

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

MK Gebeur Secretary of Agriculture

REPRODUCE LOCALLY. Include form number and date on all reproductions					Form Approved - OMB No. 0581-0055		
U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE			The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.				
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE  APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE (Instructions and information collection burden statement on reverse)			Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).				
1. NAME OF OWNER		·	2. TEMPORARY DESIGNATION OR	3, VAF	RIETY NAME		
WestBred, LLC			BZ 698-31	EXPERIMENTAL NAME Nick BZ 698-31			
4. ADDRESS (Street and No., or R.F.D. No., City,	State, and ZIP Cod	de, and Country)	5. TELEPHONE (include area code)		FOR OFFICIAL USE ONLY		
8111 Timberline Drive			(406) 587-1218	PVPO	NUMBER		
Bozeman, MT 59718-8184			6. FAX (include area code)	9	00500144		
USA			(406) 586-8247	FILING			
7. IF THE OWNER NAMED IS NOT A "PERSON", (	GIVE FORM OF	8. IF INCORPORATED, GIVE	9. DATE OF INCORPORATION	-	, 5, (12		
ORGANIZATION (corporation, partnership, associ		STATE OF INCORPORATION					
Limited Liability Company		AZ	August 4, 2003	1	eb 22,2005		
10. NAME AND ADDRESS OF OWNER REPRESE	NTATIVE(S) TO S	SERVE IN THIS APPLICATION. (First p	person listed will receive all papers)	FE	FILING AND EXAMINATION FEES:		
Dr. Dale R. Clark				E S	: 3652.00		
WestBred, LLC 8111 Timberline Drive				R E	DATE Z/2Z/2005  CERTIFICATION FEE:		
Bozeman, MT 59718-8184				C E	\$ 768.00		
		•		V E			
				D	DATE 02/10/2006		
11. TELEPHONE (Include area code)	12. FAX (Includ	•	13. E-MAIL				
(406) 587-1218  14. CROP KIND (Common Name)	(406) 586-83 16. FAMILY NA			dclark@westbred.com  18. DOES THE VARIETY CONTAIN ANY TRANSGENES? (OPTIONAL)			
Wheat	Poaceae	AME (Botanical)	18. DOES THE VARIETY CONT.	A IN ANT I	RANSGENES? (OFTIONAL)		
15. GENUS AND SPECIES NAME OF CROP		RIETY A FIRST GENERATION HYBRI	IF SO, PLEASE GIVE THE		USDA-APHIS REFERENCE NUMBER FOR THE		
Triticum aestivum	☐ YES		APPROVED PETITION TO COMMERICALIZATION.	DEREGUL	ATE THE GENETICALLY MODIFIED PLANT FOR		
19. CHECK APPROPRIATE BOX FOR EACH ATTA	CHMENT SUBMI	TTED		Y THAT S	EED OF THIS VARIETY BE SOLD AS A CLASS		
(Follow instructions on reverse)			OF CERTIFIED SEED? (Se	e Section	B3(a) of the Plant Variety Protection Act)		
a.	of the Variety				and 22 below)		
b. Exhibit B. Statement of Distinctness	-4.		NUMBER OF CLASSES?				
<ul> <li>c.</li></ul>					NDATION   REGISTERED   CERTIFIED		
e.	• • • • •		22. DOES THE OWNER SPECIF	Y THAT S	EED OF THIS VARIETY BE LIMITED AS TO		
f. Voucher Sample (2,500 viable untreate		•	NUMBER OF GENERATION  YES NO	157			
verification that tissue culture will be de repository)			IF YES, SPECIFY THE NUM	BER 1.2.3	etc. FOR EACH CLASS.		
g. Filing and Examination Fee (\$3,652), m		reasurer of the United		EGISTERI			
States" (Mail to the Plant Variety Protect	ction Office)				please use the space indicated on the reverse.)		
23. HAS THE VARIETY (INCLUDING ANY HARVES FROM THIS VARIETY BEEN SOLD, DISPOSED OTHER COUNTRIES?			24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)?				
✓ YES  ☐ NO			YES / NO				
IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)			IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)				
25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.							
The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.							
Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.							
SIGNATURE OF OWNER		;	IGNATURE OF OWNER				
Wale R. Clark for West Bred, LLC			SA Bigger	sta			
NAME (Please print or type)* 1  Dale R. Clark			. , , , , , , , , , , , , , , , , , , ,	01	•		
			Dan R Biggerstaff	DATE	hadron of the control		
			lice President		1/2005		
<del></del>		<u></u>					

#### INSTRUCTIONS

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to reproduce the variety, or for tuber reproduced varieties verification that a viable (in the sense that it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for \$3,652 (\$432 filling fee and \$3,220 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice.) Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfilled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. DO NOT use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of \$432 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office Telephone: (301) 504-5518 FAX: (301) 504-5291

Homepage: http://www.ams.usda.gov/science/pvpo/pvpindex.htm

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and provide evidence that name has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: Seed Branch, AMS, USDA, 10301 Baltimore Avenue, Suite 401 NAL Building, Beltsville, MD 20705. Telephone: (301) 504-5682 http://www.ams.usda.gov/lsg/seed.htm.

#### ITEM

- 19a. Give:
- (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
- (2) the details of subsequent stages of selection and multiplication;
- (3) evidence of uniformity and stability; and
- (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
  - (1) identify these varieties and state all differences objectively;
  - (2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
  - (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
- 20. If "Yes" is specified (seed of this variety be sold by variety name only, as a class of certified seed), the applicant MAY NOT reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
- 23. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
- 24. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.
- 22. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)
- 23. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)

March 2004

24. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

# "Nick" Soft White Spring Wheat

### 16.a. Exhibit A. Origin and Breeding History

"Nick" (Exp. # BZ 698-31) is a soft white spring wheat that originated from the cross of "BZ692-11 / (Wakanz/Vanna F1)", made near Phoenix, AZ, in March, 1995. BZ692-11 is a two gene semidwarf that originated from the cross 'Sprite/Discovery', both Sprite and Discovery were released by Western Plant Breeders and were only grown for a few years. The F1 plants were grown near Bozeman, MT during the summer of 1995 and the F2 seed was harvested in September 1991. The F2 seed was planted near Yuma in November, 1995. Due to the restrictions placed on Arizona wheat in 1996 after the discovery of Karnal bunt, this material was abandoned and remnant F2 seed was planted near Bozeman, MT in May, 1996. Single F2 heads were harvested in September, 1996. F2 heads were planted in rows near Bozeman, MT in May, 1997. Heads were selected from agronomically acceptable F3 rows were and were planted back as F3 head rows near Bozeman, MT in May, 1998. In September, agronomically acceptable rows were selected, harvested and quality analysis was preformed on the grain. One such selected row was given the designation 'BZ 698-31'. Protein and protein quality (the SDS sedimentation test) analysis for cookie & cake (pastry) type quality were conducted on selected lines prior to advancing to yield trials. Yield trials, along with quality analysis, were conducted on the F4 thru F9 generations in WestBred, LLC Pacific Northwest spring wheat trials from 1999-2005. Besides being selected for low protein, low sedimentation levels, high cookie spread and high yield, Nick was also evaluated and selected for suitable agronomic characteristics (see Table 1.) such as, plant height, resistance to lodging, and most importantly, resistance/tolerance to the Pacific Northwest biotypes of Hessian fly and the current races of stripe rust, mildew and leaf rust. The milling and baking quality of Nick was evaluated by the 2003 Pacific Northwest Wheat Quality Council and was found to be an acceptable variety of soft white wheat. Table 2 gives quality scores for Nick compared to check varieties of soft white spring wheat.

Heads were selected from an F5 plot in the fall of 2000 and planted as head rows near Bozeman in the spring of 2001. Uniform head rows were individually harvested and tested for quality. Uniform selections were planted as individual 5'x 40' F6 plots in the fall of 2001 near Yuma,



# "Nick" Soft White Spring Wheat

Arizona. Since all plots were uniform, they were harvested in bulk and designed 'Breeders Seed'. This Breeders seed was used to plant eight acres near Bozeman in May 2002. Seed of this production was harvested in September, 2002 as 'Foundation' seed. Foundation seed was planted in the spring of 2003 to produce Registered and Certified seed. The first unencumbered sale of Nick occurred in March, 2004.

A variant that is similar to "Nick", but is 4 to 8 inches taller, occurs at a frequency of up to .15% (15 per 10,000 plants). Also, a red seed variant occurs at a frequency of up to .04% (4 per 10,000 seed), and a red chaffed variant may occur at a frequency of up to .01 (1 per 10,000 plants). Otherwise, "Nick" is a stable and uniform variety in appearance and performance across several generations (F4 to F9) and growing conditions.

The name Nick was given to this variety because it was the first variety WestBred, LLC has released, which has the variety Vanna in its parentage. The soft white variety Vanna was named after a popular game show host, whose first child was named Nicolas.

Table 1. Agronomic data for Nick, compared to check varieties in Washington State Extension Soft White Spring Wheat Trials over 51 location years (2001-2004).

Variety	Days to Head	Plant Height (inches)	Test Wt lbs/bu	Protein %	Yield bu/ac
NICK	71	29	58.5	12.2	54.9
ALPOWA	73	30	59.0	11.9	54.2
ALTURUS	72	29	58.2	11.7	53.0
WAWAWAI	72	33	58.9	12.2	51.6
ZAK	74	30	57.5	12.6	48.8
CHALLIS	73	30	58.0	11.8	48.4
EDWALL	72	29	54.5	12.0	45.1
PENAWAWA	73	27	57.5	12.1	45.1

# "Nick" Soft White Spring Wheat

Table 2. Quality analysis (t-scores) of Nick compared to currently grown varieties of soft white spring wheat in Washington State University Trials. Analysis preformed by USDA/ARS Western Wheat Quality Lab in Pullman, WA. (2001 - 2002 samples)

	·	t \	/alues			
Variety		<u>Grain</u>	Milling	End Product	score	
Edwall		-4.45	0.77	2.68	6.68	
Zak		-1.37	3.21	9.12	5.70	
Chalis		3.04	3.34	5.15	4.21	
Alturas		0.59	5.74	2.70	3.70	
Nick		-1.13	2.02	4.05	2.72	
Wakanz		-3.06	-0.30	4.87	2.01	
Wawawai		-0.50	2.23	1.71	1.24	
Alpowa		0.00	0.00	0.00	0.00	
Penawawa		-2.33	-5.36	0.09	-1.91	

Note: Student's t is calculated for each variety compared to the check variety 'Alpowa'. Positive values of t indicate the test variety has a value greater than the check and negative values indicate that the test variety value is less than the check.

Nick was compared with Alpowa in 12 location/years of samples.

### 16.b. Exhibit B. Statement of Distinctness

Nick is most similar to the variety Challis. However, Nick has a square glume shoulder whereas Challis has elevated shoulders, and Nick has anthocyanin present in its stems, whereas Challis does not. The above comparison, along with the complete Objective Description (Exhibit C) shows Nick to be a novel variety of soft white spring wheat.

REPRODUCE LOCALLY. Include form number and date on all reproductions.

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U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MD 20705

Exhibit C

	OBJECTIVE DES	CRIPTION <i>Triticum</i> s	OF VARIE	ĒΤΥ	
NAME OF APPLICANT (S)	TEMPORARY OR EXPERIM		<del></del>	VARIETY NAME	
WestBred, LLC	BZ 698-31			Nick	
ADDRESS (Street and No. or RD No., City, State, Zip Code and C	Country)			FOR OFFICIAL USE ONLY	
8111 Timberline Drive				PVPO NUMBER	
Bozeman, MT 59718-8181 USA			i	2005	00144
PLEASE READ ALL INSTRUCTIONS CAREF	TULLY:	<del></del>		· · · · · · · · · · · · · · · · · · ·	
Place the appropriate number that describes the when number is either 99 or less or 9 or less re should be determined from varieties entered in designate system used:	spectively. Data for quantitative	e plant characte ral Society or a	ers should be bas any recognized co	sed on a minimum of 100 pla	ants. Comparative data
1. KIND:  1		2. VERNA	ALIZATION: 1 = Spring 2 = Winter 3 = Other (Spa	ecify)	
3. COLEOPTILE ANTHOCYANIN:  1	sent	4. JUVEN	ILE PLANT GRO	•	3 = Erect
5. PLANT COLOR: (boot stage)	· · · · ·	6. FLAG L	EAF: (boot stage	a)	
1 = Yellow-Green 2 = Green 3 = Blue-Green		1	1 = Erect	2 = Recurved	
			1 = Not Twister	d 2 = Twisted	
			1 = Wax Abser	nt 2 = Wax Present	
7. EAR EMERGENCE:			<del></del>		
0 7 1 Number of Days (Average)					
0 3 Number of Days Earlier Than	* Jubilee				
Same As	, Hank		<u> </u>		
0 1 Number of Days Later Than	, Tara 2002		<u> </u>	<del></del>	
	*Relative to a PVPO-Approve	d Commercial	Variety Grown in	the Same Trial	
9 ANTUED COLOR					

2 = Purple

1 = Yellow

- cm (Average)
- cm Taller Than
- Challis
- Same As
- Hank

- 0 3
- cm Shorter Than

Jubilee

#### 10. STEM:

- A. ANTHOCYANIN
- 2
- 1 = Absent 2 = Present
- B. WAXY BLOOM
- 2
- 1 = Absent 2 = Present
- C. HAIRINESS (last internode of rachis)
- 2
- 1 = Absent
- 2 = Present

#### D. INTERNODE

- 1 = Hollow
- 2 = Semi-solid
  - 3 = Solid
- Number of Nodes

#### E. PEDUNCLE

- 1
  - 1 = Erect 2 = Recurved
    - 3 = Semi-erect
- cm Length
- F. AURICLE
  - Anthocyanin:
- 1 = Absent
- 2 = Present

- Hair:
- 1 = Absent
- 2 = Present

#### 11. HEAD: (At Maturity)

#### A. DENSITY

- 2
- 1 = Lax
- 2 = Middense (Laxidense)
- 3 = Dense
- B. SHAPE
- 2
- 1 = Tapering
- 2 = Strap
- 3 = Clavate
- 4 = Other (Specify)

#### C. CURVATURE

- 1 = Erect 2
  - 2 = Inclined 3 = Recurved
- D. AWNEDNESS
  - - 1 = Awnless
      - 2 = Apically Awnletted
      - 3 = Awnletted
      - 4 = Awned

#### 12. GLUMES: (At Maturity)

### A. COLOR

- 1
- 1 = White
- 3 = Other (Specify)

- - 3 = Wide

#### B. SHOULDER

- 4
- 1 = Wanting
- 2 = Oblique 3 = Rounded 4 = Square
- 5 = Elevated 6 = Apiculate
- 7 = Other (Specify)

#### C. SHOULDER WIDTH

- 1 = Narrow
- 2 = Medium 3 = Wide
- D. BEAK

3

- 1 = Obtuse
- 2 = Acute
  - 3 = Acuminate

#### E. BEAK WIDTH

- 1 = Narrow
  - 2 = Medium

#### F. GLUME LENGTH

- 1 = Short (ca. 7mm)
  - 2 = Medium (ca. 8mm)
  - 3 = Long (ca. 9mm)

#### G. WIDTH

- - 1 = Narrow (ca. 3mm)
    - 2 = Medium (ca. 3.5mm)
    - 3 = Long (ca. 4mm)

13. SE	ED:				
A.	SHAPE			E. COLOR	
1	1 = Ovate 2 = Oval 3 = Elliptical			1 = White 2 = Amber 3 = Red 4 = Other (Specify)	
B,	CHEEK			F. TEXTURE	
1	1 = Rounded 2 = Angular			2 1 = Hard 2 = Soft 3 = Other (Specify)	
C.	BRUSH			G. PHENOL REACTION (See Instructions)	
2		1 = Not Collared 2 = Collared		1 = Ivory 4 = Dark Brown 2 = Fawn 5 = Black 3 = Light Brown	
D.	CREASE			H. SEED WEIGHT	
2	1 = Width 60% or less of Kernel 2 = Width 80% or less of Kernel 3 = Width Nearly as Wide as Kernel			3 8 g/1000 Seed (Whole number only)	
1	1 = Depth 20% or less of Kernel 2 = Depth 35% or less of Kernel • 3 = Depth 50% or less of Kernel			I. GERM SIZE  2 1 = Small 2 = Midsize 3 = Large	
14. DIS	EASE: PLEASE INDICATE THE SPEC	CIFIC RACE OR STRAI	IN TE	ESTED	···
	(0 = Not Tested	1 = Susceptible	_	Resistant 3 = Intermediate 4 = Tolerant)	
<u> </u>	Stem Rust (Puccinia graminis f. sp. tritici)	ı	4	Leaf Rust (Puccinia recondita f. sp. tritici)	
4	Stripe Rust (Puccinia striiformis)			Loose Smut (Ustilago tritici)	•
0	Tan Spot (Pyrenophora tritici-repentis)			Flag Smut (Urocystis agropyri)	
0	Halo Spot (Selenophoma donacis)		0	Common Bunt (Tilletia tritici or T. laevis)	
0	Septoria nodorum (Glume Blotch)	•	0	Dwarf Bunt (Tilletia controversa)	
0	Septoria avenae (Speckled Leaf Disease)	)	0	Karnal Bunt (Tilletia indica)	
1	Septoria tritici (Speckled Leaf Blotch)		4	Powdery Mildew (Erysiphe graminis f. sp. tritici)	
0	Scab (Fusarium spp.)		0	"Snow Molds"	
0	"Black Point" (Kernel Smudge)		0	Common Root Rot (Fusarium, Cochliobolus and Bipolaris spp.)	
0	Barley Yellow Dwarf Virus (BYDV)		0	Rhizoctonia Root Rot (Rhizoctonia solani)	
0	Soilborne Mosaic Virus (SBMV)	•	0	Black Chaff (Xanthomonas campestris pv. translucens).	
0	Wheat Yellow (Spindle Streak) Mosaic Vir	นร	0	Bacterial Leaf Blight (Pseudomonas syringae pv. syringae)	
0	Wheat Streak Mosaic Virus (WSMV)		0	Other (Specify)	
0	Other (Specify)		0	Other (Specify)	
0	Other (Specify)		0	Other (Specify)	
0	Other (Specify)		0	Other (Specify)	
15. INSE	ECT: (0 = Not Tested 1 = Suscept	tible 2 = Resistant		3 = Intermediate 4 = Tolerant)	
		PLEASE SPECI	FY B	IOTYPE (where needed)	
4	Hessian Fly (Mayetiola destructor)	r	0	Other (Specify)	
0	Stem Sawfly (Cephus spp.)	ļ	0	Other (Specify)	
0	Cereal Leaf Beetle (Oulema melanona)	Ĩ	0	Other (Specify)	

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Exhibit C (Wheat)

15. INSECT: (continued)	0 = Not Tested	1 = Susceptible	2 = Resistant	3 = Intermediate	4 = Tolerant	
		PLEASE S	SPECIFY BIOTYPE (	Where Needed)		
0 Russian Aphid (D	iuraphis noxia)		O Other (S	Specify)		
O Greenbug (Schiza	aphis graminum)		O Other (S	Specify)		
0 Aphids			O Other (\$	Specify)		
+·						_

16. ADDITIONAL INFORMATION ON ANY ITEM ABOVE, OR GENERAL COMMENTS:

REPRODUCE LOCALLY. Include form number and edition date on all	reproductions. Fo	ORM APPROVED - OMB No. 0581-0055			
U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE  EXHIBIT E  STATEMENT OF THE BASIS OF OWNERSHIP	Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). The information is held confidential until the certificate is issued (7 U.S.C. 2426).				
1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION	3. VARIETY NAME			
WestBred, LLC	OR EXPERIMENTAL NUMBER BZ 698-31	Nick			
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)	5. TELEPHONE (Include area code)	6. FAX (Include area code)			
8111 Timberline Drive Bozeman, MT 59718-8184	(406) 587-1218	(406) 586-8247			
USA	7. PVPO NUMBER 2005 0 0 1 4 4				
8. Does the applicant own all rights to the variety? Mark an "X" in the					
9. Is the applicant (individual or company) a U.S. national or a U.S. b	ased company? If no, give name of co	ountry. YES NO			
10. Is the applicant the original owner?	NO If no, please answer one	of the following:			
a. If the original rights to variety were owned by individual(s), is (	(are) the original owner(s) a U.S. Nationa NO If no, give name of count				
b. If the original rights to variety were owned by a company(ies)	, is (are) the original owner(s) a U.S. ba				
11. Additional explanation on ownership (Trace ownership from original contents of the content	nal breeder to current owner. Use the re	everse for extra space if needed):			
PLEASE NOTE:					
Plant variety protection can only be afforded to the owners (not licens	sees) who meet the following criteria:				
If the rights to the variety are owned by the original breeder, that p national of a country which affords similar protection to nationals of a country which affords similar protection to nationals of the country which affords similar protection to nationals of the country which affords similar protection to nationals of the country which affords similar protection to nationals.	person must be a U.S. national, national				
<ol><li>If the rights to the variety are owned by the company which emplo nationals of a UPOV member country, or owned by nationals of a genus and species.</li></ol>					
3. If the applicant is an owner who is not the original owner, both the	original owner and the applicant must n	neet one of the above criteria.			
The original breeder/owner may be the individual or company who di Act for definitions.	irected the final breeding. See Section	41(a)(2) of the Plant Variety Protection			
According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor control number. The valid OMB control number for this information collection is 0581-0055, including the time for reviewing the instructions, searching existing data sources, gathering	. The time required to complete this information colle	ction is estimated to average 0.1 hour per response,			

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, D.C. 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provide and employer.